

10/088227  
JC13 Rec'd PCT/PTC 19 MAR 2002  
22503

Attorney Docket: 2101/50770  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#3

Applicant: NIGEL B. ALDRIDGE ET AL.  
Serial No.: NOT YET ASSIGNED PCT No.: PCT/GB01/00038  
Filed: MARCH 19, 2002  
Title: IMPROVEMENTS RELATING TO INTERFACING EMBEDDED  
OPTICAL TRANSMISSION STRUCTURES

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §§ 1.56**

Commissioner for Patents  
Washington, D.C. 20231

March 19, 2002

Sir:

In accordance with the duty of disclosure under 37 CFR §1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached Form PTO-1449 and/or listed herein and which the Examiner may deem relevant to patentability of the claims of the above-identified application.

In compliance with the concise explanation requirement under 37 CFR §1.98(a)(3) for foreign language documents, Applicant encloses herewith copies of corresponding foreign Search Reports citing such documents.

The present Information Disclosure Statement is being filed (1) no later than three months from the application's filing date or (2) before the mailing

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date of the first Office Action on the merits (whichever is later), and therefore no statement under 37 C.F.R. §1.97(e) or fee under 37 C.F.R. §1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Respectfully submitted,



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CAM #: 38665.027

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|--|--|---------------------------------------|
| FORM PTO-1449 U.S. Department of Commerce<br>Patent & Trademark Office | Attorney Docket No.<br><b>2101/50770</b>     | Serial No.<br><b>NOT YET ASSIGNED</b> |
|  | Applicant: <b>Nigel Bruce ALDRIDGE et al</b> |                                       |
|  | Filing Date<br><b>March 19, 2002</b>         | Group                                 |

**INFORMATION DISCLOSURE STATEMENT**  
(Use several sheets if necessary)

| U.S. PATENT DOCUMENTS |    |                 |          |               |       |           |                              |
|-----------------------|----|-----------------|----------|---------------|-------|-----------|------------------------------|
| Examiner Initial      |    | Document Number | Date     | Name          | Class | Sub-Class | Filing Date (if appropriate) |
|                       | AA | 5,408,568       | 04/18/95 | Hamilton      | 385   | 132       |                              |
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| Examiner Initial         |    | Document Number | Date     | Name | Class | Sub-Class | TRANSLATION |    |
|                          |    |                 |          |      |       |           | Yes         | No |
|                          | AJ | 2 340 959 A     | 12.8.99  | UK   |       |           |             |    |
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|  | AT | "Low-loss single-mode optical couplers" G. Georgiou et al - IEE Proceedings, Vol 132, Pt. J., No. 5, 10/1985, pp. 297-302 |
|  | AU | "Filter-Embedded Design and Its Applications to Passive Components" H. Yanagawa et al, 1989 IEEE, pp 1646-1653            |
|  | AV | "Optical fiber sensors for spacecraft applications" E.J. Friebele et al, 1999 IOP Publishing Ltd., pp 813-838             |

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| EXAMINER | DATE CONSIDERED |
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| EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication. |  |  |
| FORM PTO-1449  | U.S. Department of Commerce<br>Patent & Trademark Office | Attorney Docket No.<br><b>2101/50769</b>     |
|  |  | Serial No.<br><b>NOT YET ASSIGNED</b>        |
|  |  | Applicant: <b>Nigel Bruce ALDRIDGE et al</b> |
| <b>INFORMATION DISCLOSURE STATEMENT</b><br><i>(Use several sheets if necessary)</i>  |  | Filing Date<br><b>March 19, 2002</b>         |
|  |  | Group  |

| U.S. PATENT DOCUMENTS  |    |                             |          |                 |       |           |                              |    |
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|  | AW |                             |          |                 |       |           |                              |    |
|  | AX |                             |          |                 |       |           |                              |    |
|  | AY |                             |          |                 |       |           |                              |    |
|  | AZ |                             |          |                 |       |           |                              |    |
|  | BA |                             |          |                 |       |           |                              |    |
|  | BB |                             |          |                 |       |           |                              |    |
|  | BC |                             |          |                 |       |           |                              |    |
|  | BD |                             |          |                 |       |           |                              |    |
|  | BE |                             |          |                 |       |           |                              |    |
| FOREIGN PATENT DOCUMENTS   |    |                             |          |                 |       |           |                              |    |
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|  |    |                             |          |                 |       |           | Yes                          | No |
|  | BF | 2 168 165A                  | 10.12.84 | UK              |       |           |                              |    |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)   |    |                             |          |                 |       |           |                              |    |
|  | BK | International Search Report |          |                 |       |           |                              |    |
|  | BL | British Search Report       |          |                 |       |           |                              |    |
|  | BM | European Search Report      |          |                 |       |           |                              |    |
|  | BN |                             |          |                 |       |           |                              |    |
|  | BO |                             |          |                 |       |           |                              |    |
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